

COMPOSITION FOR THE RELIEF OF HEAT STRESS

ABSTRACT OF THE DISCLOSURE

A composition for the relief of heat stress, particularly for restoration of electrolyte balance due to passive exposure to heat resulting in excessive transpiration/perspiration, without strenuous physical activity, comprises predetermined levels of selected electrolytes including, in part by weight, sodium ion not exceeding 250 parts, at least 100 parts of potassium ion, at least 100 parts of magnesium ion, and carbohydrates not exceeding 2.5% by weight, as needed for organoleptic purposes only. The composition can further include up to 30 parts of zinc, up to 10 parts of manganese, and from 65 to 400 parts of calcium. Furthermore, the composition can comprise oligoelements, dermoprotective vitamins and anti-oxidants so as to compensate for the chemical changes which might occur in the skin of a person passively exposed to heat.